

IN THE SPECIFICATION

Presented below are specification changes showing the changes made.

On page 9, please replace the paragraph at lines 12-15 with the following amended paragraph:

For purposes of explanation, the following description of exemplary stats collection architecture 206 refers to a single adder for a single stat. However, exemplary stats collection architecture 206 may include a plurality of adders counting stats for a plurality of traffic types and connections.

On page 11, please replace the paragraph at lines 9-18 with the following amended paragraph:

Translation table 326 operates to process the header field 322 of cell 320 and to translate the information in the header field 322 into a logical connection identifier. The logical connection identifier (LCI) is an internal representation to identify a specific connection and to a specific stream of cells for line card 102. CPU 302 can determine ~~wherein~~ where in stats memory 310 to collect a specific stat for a specific “cell type” of a specific connection (LCI). That is, if cell 320 has an LCI and “cell type” corresponding to stat 312, then CPU 302 can collect all stats for a connection associated with that cell. Translation table 326 sends the LCI information to memory address generator 340. Translation table 326 may also send LCI information to FIFO buffer 304 (if instructed by FIFO control unit 308).